Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

(For Other Works)

No. 1st & Final bill

YNK-DBR No. 187
Date 17.03.2020

Date: 6/

AEE, YSTSD
SBR No: 96/19-20
Date: 7/3/2020

Division: Yelahanka. Sub Division: Yeshwanthpura Satellite Town.
Bill Received No. ..... Dated ..... Cash Book Voucher No. ..... dated .....
Scheduled Docket No. .....

Name of Work: Improvements of Roads And Drains At Lal Bahadur Shastri Slum And Surrounding Area In Ward No.04

Job Code No: 004-20-000015 P-1878 **Est. cost: 99.00 lakhs**

Name of Contractor and Full Address : Technical Manager (West), KRIDL, Bangalore.

Work Order No: **BBMP/EE/YNK.D/W.O/ 114/2019-20, Dated : 31-10-2019**

Certified that the measurements were taken by me on 28/02/2020 and recorded in pages 100535to546 of measurement Book No 1006 and that the work is satisfactorily executed.

Contractor

Asst Executive Engineer
Yelahanka Yeshwanthpura Sub Division
KRIDL BBMP Bangalore

Ramalingeerah
Officer-in-charge of work

Certified that the measurements were taken by me on 28/02/2020 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

If Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being ..... percent Rs .....
3) Deduct amount to be held in Balance
4) Deduct Payment :
   a) Amount of previous payment as in the Office Cash Book Voucher No ..... Dated ..... S.D No. .....
   Amount adjusted towards cash advance recovery of
   b) Payments cost store or other materials supplied
   Now made recovery of amount creditable to this/other work
   Amount paid on this bill Cheque/Cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the office Cash Book Voucher No ..... date ..... less adjustments
7) Net amount due to or from contractor

Unadjusted items

8) Advance to contractor for materials brought to site (as detailed) within value of Governme... materials supplied

Gross Amt	=Rs	9805408=00
FSD	=Rs	490271=00
CGST	= Rs	87549=00
SGST	= Rs	87549=00
IT	= Rs	196109=00
LC	= Rs	98055=00
CBF	= Rs	9805=00
Fine		700=00
Royalty	=Rs	185056=00
T.D.	= Rs	1155094=00
Net Amt	Rs	8650314=00

Asst Executive Engineer
Yelahanka Yeshwanthpura Sub Division
KRIDL BBMP Bangalore

Contractor's Signature

Received Rs ..... (in words)
By Cash and by adjustment of Payment as per memorandum.

Witnesses :

1.

2.

Dated .....

Asst. Executive Engineer
Yelahanka Yeshwanthpura Sub Division
KRIDL BBMP Bangalore
Signature of Contractor

(For use in the Office)

Audited & Admitted for Rs. 9805408=00

8650314/- by Cheque
and Rs. 1155094/- by adjustment

Accts. Staff
Yelahanka Division
BBMP

Exe. Engineer
Yelahanka Division
BBMP

Paid by me by cheque No ..... Dated .....

Cash Rs ..... Dated .....

Initials of Officer Making Payment

Executive Engineer

Name of Work: Improvements of Roads And Drains At Lal Bahadur Shastri Slum And Surrounding Area In Ward No.04

ABSTRACT

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
1	KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications.	Cum	130.20	952.94	124072.79	–	–	130.12	952.94	123995.60	130.12	123995.60
2	KSRRB 300-3. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil invoiving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification.	Cum	1255.20	137.80	172966.56	–	–	1251.84	137.80	172503.28	1251.84	172503.28
3	KSRB 100-1 Loading and unloading ofstone aggregates / sand/ kanker/ Moorum /soil KSRRB M100-1 Placing tipper at loading with front end loader dumpting turning for return trip excluding time for haulged and return trip complete as per specification item No 17.1 page 130 and KSRB M.100.4.1 costof haulage excluding loading and unloading.	Cum	1255.20	82.13	103088.07	–	–	1251.84	82.13	102813.45	1251.84	102813.45
4	Removing And Refixing stone slabs of drains and pointing in C.M (1:3)	Sqm	650.20	111.30	72367.26	–	–	648.00	111.30	72122.40	648.00	72122.40

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
5	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	13.02	5747.32	74830.11	–	–	13.00	5747.32	74692.17	13.00	74692.17
6	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,complete.	Sqm	131.00	2337.00	306147.00	–	–	130.77	2337.00	305609.49	130.77	305609.49
7	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap I basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve thedesired density complete as per specifications.	Cum	570.60	2001.28	1141930.37	–	–	570.21	2001.28	1141151.87	570.21	1141151.87

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
8	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications.	Cum	130.20	5421.90	705931.38	–	–	130.12	5421.90	705492.21	130.12	705492.21
9	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fthe concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications.	Cum	260.40	5210.96	1356933.98	–	–	260.31	5210.96	1356478.03	260.31	1356478.03

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
10	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift.	Sqm	1708.20	72.08	123127.06	–	–	1703.25	72.08	122770.26	1703.25	122770.26
11	KSRRB M500-6. Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg I sqm using mechanical means complete as per specifications.	Sqm	2448.00	36.04	88225.92	–	–	2432.05	36.04	87651.08	2432.05	87651.08
12	KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications.	Sqm	8074.50	5.30	42794.85	–	–	8064.62	5.30	42742.50	8064.62	42742.50
13	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.. MORTH Specification No. 507 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen	Cum	104.00	7721.04	802988.16	–	–	103.85	7721.04	801791.40	103.85	801791.40

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
14	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VGIO) on the prepared black topped surfaces at 2.5 kg per 10sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.	Sqm	8074.50	14.84	119825.58	–	–	8064.62	14.84	119679.00	8064.62	119679.00
15	KSRRB M500-19. Providing and laying bituminous concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. MORTH Specification No. 509 - using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 40 mm) with 5.4 % VG-30 Bitumen	Cum	322.74	8980.32	2898344.40	–	–	322.59	8980.32	2896937.18	322.59	2896937.18
16	KSRRB M800-13: Road marking with hot applied thermoplastic compound with reflect rising glass beads on bituminous surface- providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface to level, uniform and free from streaks and holes complete as per specifications.	Sqm	353.93	454.74	160943.85	–	–	353.52	454.74	160759.68	353.52	160759.68

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
17	KSRRB M800 Road markers / Road stud KSRRB M800-35. Providing and fixing of road stud 100x 100 mm, diecast in aluminium, resistant to corrosive effect of salt and grit, fitted with lense reflectors, installed in concrete or asphaltic surface by drilling hole 30 mm upto a depth of 60 mm and bedded in a suitable bituminous grout or epoxy mortar, all as per BS: 873 part 4:1973.	No's	464.00	357.22	165750.08	–	–	464.00	357.22	165750.08	464.00	165750.08
	Total				**8460267.41**					**8452939.68**		**8452939.68**
	GST Charges 12%				**1015232.09**					**1014352.76**		**1014352.76**
	KRIDL Charges 4%				**338410.70**					**338117.59**		**338117.59**
	Grand Total				**9813910.20**					**9805410.03**		**9805410.03**

CERTIFICATE

1 Certified that the work done is satisfactorily.

2 There is no departmental issues by BBMP

9805408=

K.R

PMC

Newzen Consultants Bangalore

NEWZEN CONSULTANT * BANGALORE *

Ramanjaneyulu

Assistant Engineer

Ward no -04

Asst. Executive Engineer,

Yelahanka Satellite town Sub division,

Bangalore-64